

July 15, 1999

MEMORANDUM TO: Chairman Dicus

FROM: William D. Travers original /s/ by Frank J. Miraglia for  
Executive Director for Operations

SUBJECT: UPDATE TO STAFF RESPONSE TO TASKING MEMORANDUM AND  
STAKEHOLDER CONCERNS

Attached for your information is the staff's July update to the plan of short- and long-term actions to respond to selected issues raised during the July 30, 1998, hearing before the Senate Subcommittee on Clean Air and Wetlands, Private Property, and Nuclear Safety and the July 17, 1998, Commission meeting with stakeholders.

Additions and changes to the June 1999, update are marked in redline and strike out. Minor editorial changes have not been highlighted. Explanations for changes are provided in the associated remarks.

Since the June update, the following significant milestones have been completed:

- I. Initiated work on the Phase 2 PRA draft standard, which addresses external and shutdown events.
- II. Obtained Commission approval for pilot program implementation of recommended changes in the SRM for SECY-99-007 and SECY-99-007A on Reactor Oversight Process Improvements.
- III. Completed the Safety Evaluation Report and identified open items on the Oconee License Renewal.
- IV. Completed staff review of the revised NEI 98-03, "Guidelines for Updating the Final Safety Analysis Report."
- V. Completed a revision of Management Directive 8.11, to improve the processes associated with the staff responding to 2.206 petitions.
- VI. Provided the Commission a paper (SECY-99-171) on the lessons learned from the Three Mile Island, Unit 1, transfer to AmerGen.
- VII. Published in the Federal Register the proposed rulemaking for 10 CFR 50.72 and 50.73.
- VIII. Published in the Federal Register the proposed rule for the use of potassium iodide as a protective measure for the general public following a severe reactor accident.

Attachment: As stated

cc: Commissioner Diaz  
Commissioner McGaffigan  
Commissioner Merrifield  
OGC  
CFO  
CIO  
SECY

**STAFF RESPONSE TO TASKING MEMORANDUM AND STAKEHOLDER CONCERNS**

**as of July 2, 1999**

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**I. TOPIC AREA: Risk-Informed and Performance-Based Regulation**

SES Managers: Gary Holahan, Director, DSSA/NRR, and Thomas King, Director, DST/RES

**A. Specific Issue: Evaluation of Industry Proposals and Rulemaking**

Objective: The objectives are enhancing safety decisions, efficiently utilizing NRC resources, reducing unnecessary conservatism, as well as soliciting industry insights.

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Conduct discussions with ACRS on risk-informed, performance-based Regulation initiatives	Ongoing 4/8/99C	R. Barrett, DSSA/ M. Cunningham, RES
2. Public workshop to discuss risk-informed options for 10 CFR 50.59	TBD (see note)	M. Drouin, RES
3. Final report to NRR with recommendations on approach to making 10 CFR 50.59 risk-informed	TBD (see note)	M. Drouin, RES
4. Develop Rulemaking Commission paper based on Commission response to options paper (SECY 98-300) (9800154) (NRR)	TBD (see note)	R. Barrett, DSSA/ M. Cunningham, RES

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
2. 5. Report to the Commission on the status of proposed revision to Safety Goal Policy (9700262)	6/99 (see note) 7/99	J. Murphy, RES
3. 6. Conduct meetings between Industry PRA Steering Committee and NRC Steering Committee	Ongoing	T. King, RES
4. 7. Conduct meetings between Industry RI Licensing Panel and NRC RI Licensing Panel	Ongoing 2/17/99C	G. Holahan, DSSA

PRIOR TO SEPTEMBER 23, 1999		
<del>8. Meet with ACRS Subcommittee and request ACRS letter on views and recommendations on Rulemaking Commission Paper for modifying Part 50 to be risk-informed per SRM.</del>	TBD	R. Barrett, DSSA
5. Meet with ACRS Subcommittee to discuss risk-informing Part 50	7/99	T. Bergman, DRIP M. Cunningham, RES
<del>6. 9. Conduct public meetings to discuss staff response to SRM on modifying Part 50 to be risk informed</del>	<del>TBD</del> 9/99	T. Bergman, DRIP/ T. King, RES
7. <del>10. Proposed revision to Safety Goal Policy (9700262)</del>	<del>7/99</del> (See Note) 11/99	J. Murphy, RES

BEYOND SEPTEMBER 23, 1999		
Milestone	Date	Lead
<del>8. 11. Issue safety evaluation on EPRI ISI topical report</del>	10/31/99	S. Ali, DE NRR
<del>9. 12. Endorse ASME RI-ISI code cases via Regulatory Guide 1.147, contingent upon ASME completing code case by 12/31/99.</del>	9/00	D. Jackson, RES / S. Ali, DE, NRR
10. Commission paper in response to June 8, 1999 SRM regarding SECY-98-300. (See Note) (9900061-NRR) (9900062-RES)	10/99	T. Bergman, DRIP M. Cunningham, RES
11. Meet with ACRS and request letter with views and recommendations in regard to modifying Part 50 to be risk-informed per SRM	10/99	T. Bergman, DRIP M. Cunningham, RES

## Comments:

~~2 and 3. These tasks and their corresponding completion schedules may be modified or deleted depending on the Commission's response to the staff's paper identifying options for modifying Part 50 to be risk-informed. SRM for this paper was issued 6/8/99.~~

~~4. Schedule depends upon Commission response to options paper, SECY 98-300.~~

4. Paper was first provided to the EDO's office for review on 5/10/99. Subsequent staff discussions resulted in the paper being returned to staff several times for revision. Revised date reflects a realistic goal for completing revisions to the paper.

~~5. Paper was provided to the EDO's office for review on 5/10/99. Staff discussions resulted in changes being required. Revised date reflects a realistic time for incorporating those changes.~~

9. In the Commission paper currently with the EDO, the staff is proposing a completion date of 11/99 for the revision to the Safety Goal policy statement.

~~10. 44. The staff schedule to issue its safety evaluation report (SER) by 9/30/99 was based on presentation of its draft SER to the ACRS in August 1999. The ACRS presentation is now scheduled for September, 1999, since ACRS does not have a scheduled meeting in August. Based on this change, the staff schedule to issue its SER has been revised to 10/31/99. This schedule is also contingent upon EPRI providing its revised Topical Report by April 15, 1999. The staff had a two-day meeting (March 2-3, 1999) with EPRI to discuss EPRI's responses to NRC RAIs related to the EPRI Topical Report.~~

11. 42. The staff schedule to endorse ASME RI-ISI Code Cases via RG 1.147 was contingent upon ASME completing Code Cases by 6/31/99. The staff had a meeting with NEI and industry representatives on October 8, 1998. In that meeting, the ASME representatives informed the staff that the ASME plans to complete revisions of the RI-ISI Code by 12/99. Based on this, the staff schedule to endorse ASME RI-ISI Code Cases via RG 1.147 has been revised to 9/00.

12-13. The SRM for SECY 98-300 identified a number of staff activities to risk-inform Part 50. Additional items will be added to this document (the CTM) in the August update to more comprehensively track these activities. Old Milestones 2-4 have been subsumed into Milestone 12 and will be tracked as part of Milestone 12.

Additional Activities: The Center for Strategic and International Studies (CSIS) is conducting a study of the NRC regulatory process. Chairman Jackson and Commissioner McGaffigan are members of the Steering Committee. Ashok Thadani is on the working group. The CSIS final report is expected by mid-July.



**I. TOPIC AREA: Risk-Informed and Performance-Based Regulation**

SES Manager: Gary Holahan, Director, DSSA/NRR

**B. Specific Issue: Pilot Applications**

Objective: The goal of the pilot programs is to complete first of a kind risk-informed licensing reviews such that lessons learned may be utilized for future staff reviews. The pilot applications have provided a forum for developing guidance documents for both the staff and the industry.

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Risk-Informed Licensing Panel (RILP) Meetings - assists in focusing management attention, as necessary, to identify other pilots and ensure lessons learned are developed from pilots	Ongoing 2/17/99C	G. Holahan, DSSA
2. <del>Issue safety evaluation on SONGS H2 Recombiner</del>	6/30/99 (See note)	M. Snodderly, DSSA

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
2. Issue safety evaluation on ANO-1 ISI pilot	07/99 (see note)	S. Ali, DE
3. Issue safety evaluation on SONGS H2 Recombiner	7/99 (See note)	M. Snodderly, DSSA

Comments:

2 and 3. All licensing actions dates are contingent upon timely, technically acceptable industry responses to staff inquiries.

~~2. The staff held a public meeting with San Onofre on March 17, 1999. The staff believes that although the recombiners and hydrogen purge is not a risk significant system they are needed to support the severe accident management guidelines but do not rise to the level of a maintenance rule risk significant system. The licensee is expected to develop an appropriate reliability and availability control which will provide justification for no longer including these systems in technical specifications.~~

3. DSSA and Southern California Edison (SCE) briefed the ACRS on June 2, 1999 on San Onofre's request for exemption from hydrogen control requirements. The meeting produced a

consensus for removing the hydrogen recombiners and hydrogen purge from the licensee's Technical Specifications and FSAR. During the presentation, SCE verbally committed to maintaining the equipment as part of the severe accident management guidelines with the caveat if available. SCE would also notify the staff if they were to ever abandon their efforts to maintain the equipment.

## I. TOPIC AREA: Risk-Informed and Performance-Based Regulation

SES Manager: Gary Holahan, Director, DSSA, NRR

### C. Specific Issue: Plant-Specific Licensing Reviews

Objective: The use of probabilistic risk assessment in risk-informed decision making for changes to plant-specific licensing basis is intended to enhance safety decisions, efficiently utilize NRC resources and reduce unnecessary conservatism. The goal is to complete first of a kind risk-informed licensing reviews such that lessons learned may be utilized for future staff reviews.

PRIOR TO JUNE 30, 1999		
Milestone	Date	Lead
1. Risk-Informed Licensing Panel (RILP) Meetings - assists in focusing management attention, as necessary, on risk-informed licensing actions.	Ongoing 2/17/99C	G. Holahan, DSSA
2. Issue safety evaluation on Sequoyah proposal on EDG AOT extension	12/18/98C	O. Chopra, DE DSSA support

PRIOR TO SEPTEMBER 23, 1999		
Milestone	Date	Lead
3. Issue reliefs from augmented examination requirements for various licensees on BWR reactor pressure vessel circumferential welds	Ongoing	G. Carpenter, DE
4. Issue safety evaluation on Browns Ferry 2/3 proposal on EDG AOT extension	<del>06/30/99</del> 8/99 (see note)	O. Chopra, DE, W. Long PD2, DSSA support
5. SER to be issued on CE Owners Group Joint Applications Report for HPSI system AOT extensions for 8 sites	9/99	W. Lyon
6. SER to be issued on CE Owners Group Joint Applications Report for CS system AOT extensions for 8 sites	8/99	R. Goel
7. SER to be issued on B&W Owners Group Topical Report for LPI/RBS systems AOT extensions for 5 sites	8/99	S. Brewer



Comments:

3. The staff issued Generic Letter 98-05, dated November 11, 1998, which informed BWR licensees that the staff had completed its review of the "BWR Vessel and Internals Project, BWR Reactor Pressure Vessel Shell Weld Inspection Recommendations (BWRVIP-05)," and that BWR licensees may request relief from the inservice inspection requirements of 10 CFR 50.55a(g) for the volumetric examination of circumferential reactor pressure vessel (RPV) welds. These reliefs will only be effective for the remaining term of operation under the current license. The staff will continue to expeditiously review these requests as they are received.

As stated in Generic Letter 98-05, "Boiling Water Reactor Licensees Use of the **BWRVIP-05** Report to Request Relief From Augmented Examination Requirements on Reactor Pressure Vessel Circumferential Shell Welds," dated November 10, 1998," ... licensees of BWRs may request permanent (i.e., for the remaining term of operation under the existing, initial, license) relief from the inservice inspection requirements of 10 CFR 50.55a(g) for the volumetric examination of circumferential reactor pressure vessel (RPV) welds." To date, the staff has issued about twelve reliefs, and may issue approximately two dozen more, if the remaining licensees request this relief. The ~~change in the~~ conclusion date reflects this expected **additional** work load.

~~3 and 4. Dates to be evaluated during prioritization of risk-informed licensing actions.~~

**4. Licensing action dates are contingent upon timely, technically acceptable industry responses to staff inquiries. Additional information has recently been received on the Browns Ferry 2/3 proposal.**

**I. TOPIC AREA: Risk-Informed and Performance-Based Regulation**

SES Manager: Gary Holahan, Director, DSSA, NRR and Thomas King, Director, DST/RES

**D. Specific Issue: Guidance Documents**

Objective: To provide guidance for the staff and the industry which will enhance consistency and provide a infrastructure for use in risk-informed regulation.

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Initiate work on Phase 2 PRA draft standard	6/99 <sup>C</sup> (see note)	M. Drouin, RES
<del>2. Issue GQA inspection procedure for use at the discretion of the Regions to verify the implementation of GQA on an as-needed basis.</del>	<del>6//99</del> (see note)	<del>J. Peralta, DIPM</del>
<del>3. Phase 1 PRA standard comments received and final draft developed</del>	<del>6/99</del>	<del>M. Drouin, RES</del>
<del>4. Report to the Commission on development of risk attributes for revising enforcement policies. Input to H.C. 6.</del>	<del>TBD</del>	<del>Dave Nelson, OE G. Kelly, DSSA</del>

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
<b>2. Issue GQA inspection procedure for use at the discretion of the Regions to verify the implementation of GQA on an as-needed basis.</b>	<b>6//99 7/99</b> (see note)	<b>J. Peralta, DIPM</b>
<b>3. 5. Integrate risk attributes into revised licensee performance assessment process (9700238) (NRR), (SECY-99-007 and 99-007A)</b>	<b>3/22/99C</b>	<b>DISP G. Parry, DSSA</b>

<b>BEYOND SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
<b>4. 3. Phase 1 PRA standard comments received and final draft developed</b>	<b>6/99</b> <b>12/99 (See Note)</b>	<b>M. Drouin, RES</b>

BEYOND SEPTEMBER 23, 1999		
5. 6. Phase 1 PRA standard issued as final by ASME	3/00	M. Drouin, RES
6. 7. First Phase 2 PRA standard developed	TBD (See note)	M. Drouin, RES
7. 8. Completion of Phase 2 PRA standard	TBD (See note)	M. Drouin, RES

Comments:

~~2. Issuance of the inspection procedure (IP) has been delayed by one month due to clarifications requested by the Associate Director for Project Licensing and Technical Analysis, on behalf of the Committee to Review Generic Requirements (CRGR), regarding the use of PRA-based analyses in conjunction with traditional engineering methods to establish safety classifications of plant SSCs. The IP has been revised to satisfactorily address this and other issues previously identified by the CRGR.~~

2. The staff met with the CRGR on June 22, 1999 to discuss changes that had been made to the inspection procedure since the last meeting. The staff is currently revising the document to address comments raised at the meeting and expects to issue the procedure in July 1999.

~~4. Actions to be taken under review pending Commission feedback from Reg Significance/Risk Paper (SECY-99-087)~~

~~5. 6. ACRS & Commission review, a public workshop, and PRA Steering Committee meeting required.~~

~~1, 3, 4, 7, and 8. Phase 1 is a standard for full power operation, internal events only. Phase 2 is for external events and shutdown. Dates are tentative due to uncertainty associated with the number and nature of comments that may be received. This is an ASME initiative and, therefore, the schedules are set by ASME. ASME extended the review and comment period to 5/1/99. Due to the number of comments anticipated, ASME anticipates resolution with final draft developed by 6/99 to start through the internal ASME consensus process. ASME anticipates issuance of Phase 1 standard at the latest by 12/99; however, believes it may be sooner.~~

~~1 and 8. Phase 2 of the PRA standard covers internal fire, external events and low power shutdown. ANS will be developing a standard for low power shutdown conditions and external events (i.e., seismic). ANS anticipates initiating work in early June 1999.~~

4 and 5. Phase 1 is a standard for full power operation (internal events only) which is an ASME initiative and, therefore, the schedules are set by ASME. Phase 2 is for external events and shutdown. The schedule for completion of Phase 1 has been revised based on the large number of public comments received and must be addressed. ASME anticipates re-issuance of Phase 1 standard by 12/99 for consensus review. The staff is concerned that ASME may not meet this schedule and may not adequately address the staffs comments in the updated

standard.

1, 6, and 7. Phase 2 of the PRA standard covers internal fire, external events and low power shutdown (LPSD). ANS will be developing a standard for LPSD conditions and external events (i.e., seismic). ANS has initiated work and is currently developing a plan with anticipation of issuing a schedule for completion of LPSD and seismic by 10/99.



## **II. Topic Area: Reactor Inspection and Enforcement**

SES Manager: William M. Dean, PIPB/DIPM/NRR and J. Lieberman, Director, OE

### **A. Specific Issue: Risk Informed Baseline Inspection Program**

Program Manager: Alan L. Madison, NRR and John Flack, RES

Objective: To develop and implement a more risk informed, efficient, and effective baseline inspection program. By risk informed, it is meant that the inspection program's scope will be defined primarily by those areas that are significant from a risk perspective and that the inspection methods used to assess these areas will take advantage of both generic and plant specific risk insights.

Coordination: Issues II.A. "Risk Informed Baseline Inspection Program," II.B. "Enforcement Program Initiatives," II.C. "Escalated Enforcement Program," III.A. "Performance Assessment Process Improvements," and VI. F "Event Reporting Rulemaking," require close coordination and the integration of specific tasks by the NRC staff. Responsible project managers are coordinating these activities by assessing the impact of proposed program changes with the other ongoing activities and ensuring that the overall objectives for each project are achieved. Examples include, intra-project task force participation, workshop attendance, concurrent review of projects and periodic senior management briefings. In addition, industry-developed initiatives such as the NEI New Regulatory Oversight Process are being reviewed by all project groups and evaluated for impact.

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Begin drafting program changes and start conducting training of staff	2/99C	A. Madison, DIPM
2.a. Begin pilot implementation of new baseline inspection program	5/30/99C	W. Dean, DIPM

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
2.b. Monitor pilot implementation of new baseline inspection program and review results	7/99-9/99	A. Madison, DIPM

BEYOND SEPTEMBER 23, 1999		
Milestone	Date	Lead
2.b. Monitor pilot implementation of new baseline inspection program and review results	7/99-9/99 12/99	A. Madison, DIPM
3. Complete pilot implementation of new baseline inspection program	12/99	A. Madison, DIPM
4. Complete transition to risk informed baseline inspection program	1/00 4/00	W. Dean, DIPM

Comments:

2.b., 4. The staff is implementing the pilot baseline inspection program through November 1999. The SRM for SECY 99-007 and SECY 99-007A directed the staff to extend implementation of the new oversight program to April 1, 2000, to allow additional time for staff to review results of the pilot program, develop lessons learned from the pilots, and solicit feedback on process changes.

~~Status: All milestones are on track, there are no schedule changes, and no expected delays. A Commission briefing was held on March 26, 1999. The staff is looking at possibility of extending the start date for full implementation in consideration of various communication training, development, and program modification activities.~~

Deferrals and Suspensions:

SALP Program.

The SALP process suspension will be continued indefinitely.

RES and NRR work assessing the effectiveness of the station blackout and anticipated transient without scram rules and generic safety issue A-45 (decay heat removal) has been deferred. The assessment of the Station Blackout Rule will be completed by 9/99, and the assessment of the ATWS Rule and resolution of USI A-45 (Decay Heat Removal) will be completed by 9/00.

## **II. Reactor Inspection and Enforcement**

SES Manager: James Lieberman, Director, Office of Enforcement

### **B. Enforcement Program Initiatives**

Issues/Lead Individual:

- 1) NRC-licensee documentation and disposition of non-risk significant violations (C)  
Mark Satorius
- 2) Severity Level IV violations  
David Nelson
- 3) Industry Enforcement Process Proposals  
Renee Pedersen

Due to the manner that these three issues are linked, all are being considered under one Plan of Action.

Objective: Reduce unnecessary licensee burdens associated with responding to non-risk significant violations (Issues Nos. 1 and 2) utilizing initial stakeholder inputs and proposals and soliciting stakeholder feedback following implementation of Enforcement Program changes (Issue No.3), without losing the NRC's ability to detect licensee problems in a timely manner.

Coordination: Issues II.A. "Risk Informed Baseline Core Inspection Program," II.B. "Enforcement Program Initiatives," II.C. "Escalated Enforcement Program," III.A. "Performance Assessment Process Improvements," and VI.F "Event Reporting Rulemaking," require close coordination and the integration of specific tasks by the NRC staff. Responsible project managers are coordinating these activities by assessing the impact of proposed program changes with the other ongoing activities and ensuring that the overall objectives for each project are achieved. Examples include, intra-project task force participation, workshop attendance, concurrent review of projects and periodic senior management briefings. In addition, industry-developed initiatives such as the NEI New Regulatory Oversight Process are being reviewed by all project groups and evaluated for impact.

<b>PRIOR TO JUNE 30, 1999</b>		
<b>Milestone</b>	<b>Date</b>	<b>Lead</b>
1. Following Commission approval of the staff's Enforcement Policy revision, the Revised Policy is published in the Federal Register, with the message to stakeholders that six months after implementation of the Revised Policy, public meeting/workshops will be held for stakeholder feedback.	2/9/99C	M. Satorius

<b>PRIOR TO JUNE 30, 1999</b>		
2. Conduct video conferencing with Regional managers to outline the changes to the Enforcement Policy and provide agency expectations.	2/22/99C	M. Satorius
3. Implement revised Enforcement Policy.	3/11/99C	M. Satorius

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
4. Collect enforcement data following the implementation of the Revised Enforcement Policy, for later use in determining the success of the changes in accomplishing the objectives	Monthly after 3/11/99	D. Nelson
5. Solicit feedback from regional management, the inspection staff, and headquarters staff on the successes or failures of the Revised Enforcement Policy.	7/99	R. Pedersen
6. Conduct public meetings/workshops with stakeholders to solicit feedback on the successes and shortcomings of the Revised Enforcement Policy.	10/99	R. Pedersen
7. Assemble the collective views of the staff and stakeholders to determine whether the Revised Enforcement Policy has accomplished the objectives, or whether further staff action is needed. Submit Commission paper. (9800159) (OE)	11/99	R. Pedersen

## II. Reactor Inspection and Enforcement

SES Manager: James Lieberman, Director, Office of Enforcement

### C. Escalated Enforcement Program Initiatives - "Regulatory Significance"/Risk

Objective: Incorporate clearer risk-informed enforcement guidance in the treatment of escalated violations.

PRIOR TO JUNE 30, 1999		
Milestone	Date	Lead
1. Conduct a second public meeting with stakeholders to discuss application of regulatory significance.	2/9/99C	M. Satorius
2. Conduct a public meeting with stakeholders to discuss application of risk-informed enforcement.	2/9/99C	M. Satorius
3. Submit a Commission Paper that addresses the use of "regulatory significance." (9800069) (OE) (SECY 99-087)	3/24/99C	M. Satorius
4. Develop (proposed) risk-informed (revisions to) the Enforcement Policy.	3/24/99C	M. Satorius
5. Discuss (revisions) with stakeholders and solicit feedback	3/11/99C	M. Satorius
7. 6. Develop revised enforcement policy for use during trial implementation of Performance Assessment Program.	3/22/99C	B. Westreich

PRIOR TO SEPTEMBER 23, 1999		
Milestone	Date	Lead
7. 6. <del>(Submit a Commission Paper utilizing the input from issue I.D.13, the revisions developed above, and lessons learned from the performance assessment trial to revise the Enforcement Policy. (9800155) (OE) TBD)</del> (Develop revised enforcement policy that addresses elimination of "regulatory significance." (9800069))	<del>((see note)</del> (8/16/99)	<del>D. Nelson)</del> R. Pedersen)

Comments:

7.6: ~~(Action pending Commission feedback from Reg Significance/Risk paper (SECY-99-087); submitted 3/24/99 (See Milestones II.C.3 and II.C.4))~~ The Commission's 6/15/99 SRM (SECY 99-087) approved the staff recommendation to forgo risk informing the enforcement supplements in view of the proposals to risk inform the enforcement process as part of the integrated reactor oversight effort. Item 9800155 was administratively closed. In addition, as a result of closing Item 9800155, Milestone I.D.4 was closed.

### **III. Topic Area: Reactor Licensee Performance Assessment**

SES Manager: William M. Dean, PIPB/DIPM/NRR

#### **A. Specific Issue: Performance Assessment Process Improvements (IRAP, Industry's Proposal, and Performance Indicators)**

Program Manager: Alan L. Madison, PIPB/DIPM/NRR

Objective: The objective of this task is to develop and implement improvements to the NRC plant performance assessment process (and the overall reactor oversight process) to make it more risk-informed, efficient, and effective while combining the best attributes of the IRAP effort, the regulatory oversight approach proposed by NEI, and the staff efforts designed to develop risk-informed performance indicators.

Coordination: Issues II.A. "Risk Informed Baseline Inspection Program," II.B. "Enforcement Program Initiatives," II.C. "Escalated Enforcement Program," III.A. "Performance Assessment Process Improvements," and VI. F "Event Reporting Rulemaking," require close coordination and the integration of specific tasks by the NRC staff. Responsible project managers are coordinating these activities by assessing the impact of proposed program changes with the other ongoing activities and ensuring that the overall objectives for each project are achieved. Examples include, intra-project task force participation, workshop attendance, concurrent review of projects and periodic senior management briefings. In addition, industry-developed initiatives such as the NEI New Regulatory Oversight Process are being reviewed by all project groups and evaluated for impact.

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Obtain Commission approval for <b>pilot program</b> implementation of recommended changes	TBD ( <del>see note</del> ) <b>6/99 C</b>	W. Dean, DIPM
2. Obtain Industry approval to make public the data used in Industry's proposed Indicators for monitoring plant performance. Begin phase out of current Performance Indicator Program.	6/99 <b>C</b>	T. Wolf, RES
3. Complete development of implementation plan. Start phase-in (pilot) of the revised reactor oversight process.	6/99 <b>C</b>	A. Madison, DIPM
4. Begin trial application of risk-based performance indicators	6/99	T. Wolf, RES

PRIOR TO SEPTEMBER 23, 1999		
Milestone	Date	Lead
5. Continue pilot implementation of new reactor oversight process	7/99-9/99	A. Madison, DIPM

BEYOND SEPTEMBER 23, 1999		
Milestone	Date	Lead
4. Continue pilot implementation of new reactor oversight process	<del>7/99-9/99</del> 7/99-12/99	A. Madison, DIPM
5. Begin trial application of risk-based performance indicators.	6/99 8/99	T. Wolf, RES
6. Complete NRC and licensee training on new reactor oversight process in preparation for full implementation	<del>10/99-12/99</del> 11/99-3/00	A. Madison, DIPM
7. Complete trial application, brief Commission, and publish candidate risk-based indicators for public comment. (9800160)(RES)	11/99-2/00	T. Wolf, RES
8. Commence full implementation of new reactor oversight process	<del>4/00</del> 4/00	W. Dean, DIPM
9. Publish last Performance Indicator Report using current PIs	1/00	T. Wolf, RES
10. Hold public workshop on candidate risk-based performance indicators.	2/00	T. Wolf, RES
11. Brief commission on proposed risk-based performance indicators developed cooperatively by NRC and industry (9800161) (RES)	10/00	T. Wolf, RES
12. Implement Commission approved risk-based performance indicators developed cooperatively by NRC and industry	1/01	T. Wolf, RES M. Johnson, DIPM
13. Complete evaluation of implementation and effectiveness of the revised assessment process	6/01	M. Johnson, DIPM

## Comments:

1, 4, 6, 8. The SRM for SECY-99-007 and SECY-99-007A ~~is pending~~ was issued on June 18, 1999.

2. 1. A Commission briefing was held on March 26, 1999, to discuss Recommendations for Oversight Process Improvement (Follow-up to SECY 99-007).



3. A performance Indicator (PI) public workshop was held on April 12-15, 1999, to discuss PIs to be used during the pilot program for the revised oversight process.

4. 3. A public workshop was held on May 17-20, 1999, to discuss the oversight processes and pilot program .

5. 3. In conjunction with the above, a utility management public workshop to provide an overview of the oversight processes and pilot program was held on May 20, 1999.

4. As part of its efforts to communicate with external stakeholders regarding the revised reactor oversight process, the NRC conducted public meetings in the vicinity of 5 pilot sites. This effort will also be conducted at 3 other pilot sites in the near future.

5, 7. During the initial definition phase it was determined that (a) additional expertise was needed and a separate support contract is being placed, and (b) the effort required to complete the identification of the indicators and associated thresholds was more complicated and will take longer than originally planned. The result is a delay in the dates for these two milestones but the delay is compensated for by incorporating the workshop into the trial application and comment period rather than holding the workshop after the comment period was closed.

#### Deferrals and Suspensions:

The SALP process suspension will be continued indefinitely.

#### **IV. Topic Area: Reactor Licensing and Oversight**

SES Manager: Chris Grimes, Director, RLSB/DRIP/NRR

**A. Specific Issue: License Renewal** (includes Calvert Cliffs, Oconee and Generic Process Improvements)

Objective: Demonstrate that license renewal applications submitted under 10 CFR Parts 54 & 51 can be reviewed effectively, efficiently and promptly.

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Issue §51.53 rule change to designate HLW transportation as a generic environmental impact for 60-day public comment (9800003)	2/99C	D. Cleary, DRIP
2. Issue Draft Environmental Statement for comment - Calvert Cliffs	2/24/99C	C. Grimes, DRIP
3. Complete Safety Evaluation Report (SER) and identify open items - Calvert Cliffs	3/21/99C	C. Grimes, DRIP
4. ACRS subcommittee meeting on Calvert Cliffs SER and open items	4/29/99 C	C. Grimes, DRIP
5. ACRS full committee meeting on Calvert Cliffs SER and open items	5/5/99C	C. Grimes, DRIP
6. Issue Draft Environmental Statement - Oconee	5/20/99 C	C. Grimes, DRIP
7. Complete SER and identify open items - Oconee	<del>6/17/99</del> 6/16/99C	C. Grimes, DRIP

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
8. Maintain Calvert Cliffs and Oconee schedules	Ongoing	C. Grimes, DRIP
9. Conduct management meetings with license renewal applicants	Monthly	C. Grimes, DRIP
10. Steering Committee bimonthly meeting with NEI Working Group	2/26/99C 3/30/99C 5/12/99C 7/28/99 9/28/99	C. Grimes, DRIP
11. ACRS subcommittee meeting on renewal process	Ongoing	C. Grimes, DRIP

PRIOR TO SEPTEMBER 23, 1999		
Milestone	Date	Lead
12. Increased emphasis on renewal with EC and LRSC	Ongoing	C. Grimes, DRIP
13. Complete §51.53 final rule change to designate HLW transportation as a generic environmental impact for Commission approval (9800003)	<del>6/99</del> 7/30/99 See Note	D. Cleary, DRIP
14. ACRS subcommittee meeting on Oconee SER and open items	7/99	C. Grimes, DRIP
15. Upon Commission approval, publish §51.53 rule change designating HLW transportation as a generic environmental impact, to be effective in 30 days	8/99	D. Cleary, DRIP
16. ACRS full committee meeting on Oconee SER and open items	9/99	C. Grimes, DRIP

BEYOND SEPTEMBER 23, 1999		
Milestone	Date	Lead
17. Issue Supplemental SER and Final Environmental Statement - Calvert Cliffs	11/16/99	C. Grimes, DRIP
18. ACRS subcommittee meeting on Calvert Cliffs Supplemental SER	1/00	C. Grimes, DRIP
19. ACRS full committee meeting on Calvert Cliffs Supplemental SER	2/00	C. Grimes, DRIP
20. Issue Supplemental SER and Final Environmental Statement - Oconee	2/12/00	C. Grimes, DRIP
21. ACRS subcommittee meeting on Oconee Supplemental SER	3/00	C. Grimes, DRIP
22. ACRS full committee meeting on Oconee Supplemental SER	5/00	C. Grimes, DRIP
23. License renewal decision complete for Calvert Cliffs	5/00	C. Grimes, DRIP
24. License renewal decision complete for Oconee	8/00	C. Grimes, DRIP
25. License renewal decision completed within 30-36 months of initial applications	Ongoing	C. Grimes, DRIP
26. Hearing (if request granted)	Per Comm. Sched.	

Comments:

3 & 4. Steering Committee meetings with industry and ACRS subcommittee meetings with staff will continue periodically to ensure effective resolution of technical and process issues. The Steering Committee will periodically report progress to the Executive Council in accordance with the memo to Chairman Jackson dated 3/6/98.

13. §51.53 rule change provided to the EDO on 6/23/99. As noted in an EDO memo to the Commission dated 6/28/99, Addendum 1 to the rule, which provides the supporting basis for the rule, will be provided by the end of July.

25. Next (third) application expected in 12/99 (ANO-1). Fourth application is expected in early 2000 (Hatch) and the fifth application by the end of December 2000 (Turkey Point).

#### **IV. Topic Area: Reactor Licensing and Oversight**

SES Manager: Cynthia Carpenter, Branch Chief, RGEB/DRIP/NRR

#### **B. Specific Issue: 50.59 Rulemaking**

Objective: To provide clarity and flexibility in existing requirements

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Paper to Commission (SECY-99-054) summarizing public comments and forwarding recommendations on final rule language for Commission decision and providing recommendation on scope of 10 CFR 50.59 (9700191) and (9800044)	2/22/99C	E. McKenna, DRIP
2. Commission feedback received at briefing on 3/2/99 and in subsequent SRM on the briefing	3/31/99C	E. McKenna, DRIP
3. ACRS review of final rulemaking package	5/5/99C	E. McKenna, DRIP
4. CRGR review of final rulemaking package	5/6/99C	E. McKenna, DRIP
5. Issue paper containing final 10 CFR 50.59 rule to the Commission (9700191) SECY-99-130 (NRR)	5/12/99C	E. McKenna, DRIP

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
7.6. Meeting with industry/staff on guidance development plans.	<del>SRM date + 1 month</del> 7/99	E. McKenna, DRIP
6.7. Publish final rule change 10 CFR 50.59	<del>SRM date + 1 month</del> 8/99	E. McKenna, DRIP
9. 8. Initiate review of NEI 96-07 revision NEI provides draft revision of NEI 96-07 for staff review and comment	<del>SRM date + 3 months</del> 9/99	E. McKenna, DRIP

BEYOND SEPTEMBER 23, 1999		
Milestone	Date	Lead
9. NEI submits revised NEI 96-07 for NRC endorsement	11/99	E. McKenna, DRIP
12.10 Draft Regulatory Guide issued for public comment	SRM date + 7 months 1/00	E. McKenna, DRIP
8- 11. Issue inspection guidance for internal review	SRM date + 2 months 1/00	E. McKenna, DRIP
12. Final Regulatory Guide sent to Commission for approval (9700191)	5/00	E. McKenna, DRIP
10- 13. Issue final inspection guidance	SRM date + 5 months 5/00	E. McKenna, DRIP
11- 14. Conduct training for NRC staff on rule and inspection guidance	SRM date + 6 months 6/00	E. McKenna, DRIP

Comments:

~~6- 7. Schedule is contingent on the nature and schedule of Commission review and action on final rulemaking package.~~ The need for OMB review of final rule may also affect **will determine** schedule of publication of final rule.

~~7-128-14~~ Milestones ~~added~~ **adjusted** to identify follow on activities after the rule is published **consistent with Commission direction in SRM dated June 22, 1999.** ~~Schedules will be established when the rule is issued.~~ NEI is assumed to provide the revised guidance document within the expected time frames. ~~Additional time may be needed for CRGR review of inspection guidance.~~

#### **IV. Topic Area: Reactor Licensing and Oversight**

SES Manager: Cynthia Carpenter, Branch Chief, RGE/DRIP/NRR

#### **C. Specific Issue: FSAR Update Guidance**

Objective: To provide consistent guidance on information to be contained in FSAR

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Publish draft regulatory guide endorsing NEI 98-03 for comment(ends 4/30/99)	3/17/99C	T. Bergman, DRIP
2. Resolve issues identified during public comment period	5/24/99 C	T. Bergman, DRIP
3. Receive and review revised NEI 98-03	6/01/99C	J. Birmingham <del>T. Bergman</del> , DRIP

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
4. ACRS review of final regulatory guide	7/14-16/99	J. Birmingham <del>T. Bergman</del> , DRIP
5. CRGR review of final regulatory guide	7/13/99	J. Birmingham <del>T. Bergman</del> , DRIP
6. Submit paper and final regulatory guide to Commission (9700198) (NRR)	8/1/99	J. Birmingham <del>T. Bergman</del> , DRIP
7. Publish final regulatory guide	9/99	J. Birmingham <del>T. Bergman</del> , DRIP

Comments:

**Lead staff member has been changed.**

2. The staff held a public meeting with NEI on 5/11/99 to discuss public comments (12 comment letters). On the basis of this meeting, it appears that NEI will address all the appropriate public comments in NEI 98-03, Revision 1, which NEI expects to submit to the staff in early June 1999 for endorsement in the final regulatory guide.

#### **IV. Topic Area: Reactor Licensing and Oversight**

SES Manager: Cynthia Carpenter, Branch Chief, RGE/DRIP/NRR

#### **D. Specific Issue: Define Design Basis**

Objective: To provide a clear definition of what constitutes design bases information.

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Meet with NEI Task Force to discuss draft criteria and additional examples	4/16/99C	S. Magruder, DRIP
2. Send letter to NEI with staff position	5/14/99C	S. Magruder, DRIP
3. NEI submits revised guidance for review and endorsement	6/25/99 C	S. Magruder, DRIP

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
4. Resolve final staff comments and develop draft regulatory guide	7/99	S. Magruder, DRIP
5. ACRS and CRGR review of SECY and draft regulatory guide	9/99	S. Magruder, DRIP
6. Submit paper with draft regulatory guide to Commission (9800044) (NRR)	9/99	S. Magruder, DRIP
7. SRM to direct staff to publish draft regulatory guide for public comment (60 days)	10/99	S. Magruder, DRIP

<b>BEYOND SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
8. Resolve issues identified during public comment period	2/00	S. Magruder, DRIP
9. ACRS and CRGR review of paper and final regulatory guide	3/00	S. Magruder, DRIP
10. Submit paper and final regulatory guide (9800044) (NRR)	4/00	S. Magruder, DRIP

Comments:



~~3-10. On June 2, 1999, NEI informed the NRC that they would delay submission of their guidance document for approximately two to three weeks to allow further industry review. This delay precludes the staff from being able to make a presentation to the ACRS in July (ACRS does not meet in August). Subsequent milestones have been extended to reflect this impact.~~

#### **IV. Topic Area: Reactor Licensing and Oversight**

SES Manager: William Beckner, RTSB/DRIP/NRR

#### **E. Specific Issue: Improved Standard TS**

Lead: RTSB Lead PM for each facility conversion

Objective: Conversion of facility technical specifications to the appropriate improved standard technical specifications will promote more consistent interpretation and application of technical specification requirements, thereby reducing the need for interpretations and frequent changes to the technical specifications. The goal for each milestone listed below is to complete the conversions currently under review such that the above objectives are met for the affected facilities.

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Issue iSTS Amendments for Comanche Peak 1&2	2/26/99C	DRIP
2. Issue iSTS Amendments for: a. Wolf Creek b. Diablo Canyon 1&2 c. Callaway	3/31/99C 5/28/99C 5/28/99C	DRIP

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
<del>3. Issue iSTS Amendments for Farley 1&amp;2</del>	<del>8/99</del>	<del>DRIP</del>
<del>4. Issue iSTS Amendment for Fermi 2</del>	<del>9/99</del>	<del>DRIP</del>
<del>3 5. Issue iSTS Amendment for Palisades</del>	<del>8/99</del>	<del>DRIP</del>

<b>BEYOND SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
<del>4. Issue iSTS Amendments for Farley 1&amp;2</del>	<del>10/99</del>	<del>DRIP</del>
<del>5. Issue iSTS Amendment for Fermi 2</del>	<del>10/99</del>	<del>DRIP</del>

Comments:

~~2. Review of Diablo Canyon and Calloway amendments is complete and issuance is imminent. As of 5/27/99, the amendments have not been issued and last minute logistical problems may delay issuance of the actual amendments by one or two working days. There is no impact on the licensees since implementation is over a year away.~~

4,5 The licensees were unable to support the previously agreed upon schedules. The staff has renegotiated the new schedules in line with current licensee needs as documented in letters dated 6/22/99 and 6/29/99 for Farley and Fermi, respectively.

~~1, 2, 3, 4, 5. Completion of the milestones as listed depends upon the quality of the licensees' submittals and timeliness of responses to staff RAIs.~~

#### **IV. Topic Area: Reactor Licensing and Oversight**

SES Manager: Tad Marsh, Branch Chief, REXB/DRIP/NRR

#### **F. Specific Issue: Generic Communications**

Objective: Ensure the appropriate use of generic communications, increasing the efficiency of issuance, and utilizing the rulemaking process when appropriate.

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. (a) Review policy of not taking credit for INPO SEE-IN products	2/24/99C	R. Dennig, DRIP
(b) Prepare and issue Commission paper (9900001) (SECY 99-117)	4/19/99C	J. Lyons , DRIP
2. Review relationship of generic communications to the backfit rule (coordinate with CRGR)	2/25/99C	R. Dennig, DRIP
3. Draft Commission information paper incorporating review of basis for invoking 50.54(f), definition/purpose of generic communication products, and relationship of generic communications to backfit rule.	3/19/99C	R. Dennig, DRIP
4. Meeting with ACRS	4/7/99C	J. Lyons , DRIP
5. Meet with NEI to discuss comments on draft Commission paper	4/22/99C	J. Lyons, DRIP
6. Issue Commission information paper (9900020) (NRR) (SECY 99-143)	5/26/99C	J. Lyons, DRIP

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
7. Disseminate guidance to staff	7/99	J. Lyons , DRIP

Comments:

**IV. Topic Area: Reactor Licensing and Oversight**

SES Manager: Bruce Boger, Acting Associate Director for Projects, NRR

**G. Specific Issue: CALs**

Objective: Confirmatory Action Letters (CALs) are issued to emphasize and confirm a licensee's or vendor's agreement to take certain actions in response to specific issues. The NRC expects licensees/vendors to adhere to any obligations and commitments addressed in a CAL and will issue appropriate orders to ensure that the obligations and commitments are met. The goal of the milestones listed below is to ensure that staff guidance on the use of CALs is appropriate and that the staff exercises appropriate discipline in the development and issuance of CALs.

Comments:

All actions associated with this task are complete as denoted on earlier updates of the CTM.

**IV . Topic Area: Reactor Licensing and Oversight**

SES Manager: Stuart Richards, Director, LPD4/DLPM/NRR

**H. Specific Issue: Applicability of Backfit Rule to Decommissioning Activities**

Objective: Resolve issue regarding proper interpretation and application of the Backfit Rule to decommissioning activities.

Comments:

All actions associated with this task are complete as denoted on earlier updates of the CTM.

#### **IV. Topic Area: Reactor Licensing and Oversight**

SES Manager: Suzanne Black, Deputy Director, Division of Licensing Project Management, NRR

##### **I. Specific Issue: Requests for Additional Information**

Objective: To refine/define RAI process and ensure that staff RAI's are adding value to the regulatory process.

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
1. Discuss issue of ensuring appropriateness of RAI's with management and staff (including content, quality and continued oversight). Conduct training on revised Office Letter 803 (milestone 9) when issued.	8/20/98C 1/5/99C 1/6/99C 1/14/99C Ongoing	Suzanne Black, DLPM
2. NRR licensing action steering group formed to work with industry steering group on improvements to the license amendment process - conducting periodic meetings.	10/98C 11/23/98C 12/10/98C 1/13/99C 3/18/99C 4/14/99C Ongoing	Suzanne Black, DLPM
3. Obtain feedback from industry licensing action task force on RAIs and develop metrics for RAIs	7/6/99 and 9/99	S. Black, DLPM
4. Train staff on management expectations regarding RAIs	Periodic	S. Black, DLPM
5. Revise Office Letter 803 to incorporate staff and industry feedback	12/99	S. Black, DLPM

Comments:

Item 3 meeting rescheduled at industry's request.

#### **IV. Topic Area: Reactor Licensing and Oversight**

SES Manager: Brian Sheron, Associate Director for Project Licensing and Technical Analysis, NRR

#### **J. Specific Issue: 2.206 Petitions**

Objective: The objectives of the 2.206 Petition review process include ensuring the public health and safety through the prompt and thorough evaluation of any potential safety problem addressed by a petition filed under 10 CFR 2.206 and to ensure effective, timely communication with the petitioner (Management Directive 8.11). The objective of the actions listed below is to identify and implement measures to improve the timeliness of staff response to petitions.

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Show measured improvement in timeliness of resolution of 2.206 petitions	1/28/99C	H. Berkow, DLPM
2. Revise MD 8.11 and implement additional process improvements.	<del>6/99</del> 7/1/99C	H. Berkow, DLPM

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
None		

Comments:



#### **IV. Topic Area: Reactor Licensing and Oversight**

SES Manager: Tad Marsh, Branch Chief, REXB/DRIP/NRR

#### **K. Specific Issue: Application of the Backfit Rule**

Objective: Ensure that the staff closely adheres to the backfit rule, 10 CFR 50.109, in evaluating all additional requirements, expansion in scope, or unique interpretations against actual impact on public health and safety. Focus will be directed on risk-informed, performance-based regulation; also coordinating with backfit-related concerns on Generic Communications (IV.F), and Decommissioning (IV.H), and Evaluation of Industry Proposals and Rulemaking (I.A).

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
1. CRGR Yearly Meeting with Nuclear Utility Backfitting and Reform Group (NUBARG) on Backfit Issues	TBD	CRGR
2. CRGR Annual Report - Includes Industry Feedback on Effectiveness of Backfitting Process	Summer 1999	CRGR
3. Backfit training at Headquarters and Regions	FY99	RES/NRR/HR

Comments:

1. Dates for meeting are still being negotiated. ~~Probably in June or July.~~

## **V. Topic Area: NRC Organizational Structure and Resources**

SES MANAGER: Paul E. Bird, Director, HR

### **A. Specific Issue: Reorganization - Restructuring Line Organizations**

Objective: To improve organizational effectiveness and align resources required to carry out NRC planned activities through internal functional realignments and human resource re-allocations.

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Partnering process completed for reorganization packages	2/12/99C	M. Fox; Office Directors & Regional Administrators
2. Reorganization plans finalized	3/18/99C	J. McDermott; Office Directors & Regional Administrators
3. Reorganization implementation begins	3/18/99C	J. McDermott; Office Directors & Regional Administrators
4. Reorganizations effective	3/28/99C	J. McDermott; Office Directors & Regional Administrators

Comments:

6. All office partnerships have agreed that the reorganization proposals may proceed subject in some cases to further discussion of issues following implementation of reorganization plans. Post-reorganization implementation activities, such as personnel actions, physical moves, position description and performance plan updates, will occur between April-August 1999.
- 2&3. All pending reorganization/staffing plans were reviewed and accepted by HR as of 3/18/99.
4. All Commission-approved reorganizations became effective on 3/28/99.

## V. Topic Area: NRC Organizational Structure and Resources

SES MANAGER: Paul E. Bird, Director, HR

### **B. Specific Issue: Achieving 1:8 supervisor/manager-to-employee ratios**

Objective: To reduce supervisory and SES positions to achieve an agency-wide supervisor/manager-to-employee ratio target of one supervisor/manager for every eight NRC employees.

PRIOR TO JUNE 30, 1999		
Milestone	Date	Lead
1. Complete implementation of reorganizations developed to achieve streamlining goals	3/31/99C	J. McDermott; Office Directors & Regional Administrators
2. Implement strategies to achieve supervisory ratio targets	4/30/99C	J. McDermott; Office Directors & Regional Administrators
3. Quarterly assessment of supervisor/manager-to-employee ratio	4/30/99C	J. McDermott

PRIOR TO SEPTEMBER 23, 1999		
Milestones	Date	Lead
4. Continue existing supervisor/manager-to-employee ratio reduction efforts	Ongoing	J. McDermott; Office Directors & Regional Administrators
5. Quarterly assessment of supervisor/manager-to-employee ratio	7/99	J. McDermott
6. Implement strategies to achieve supervisory ratio targets	7/15/99	J. McDermott; Office Directors & Regional Administrators

Comments:

The milestones in the table above focus only on those aspects of the streamlining effort that address the supervisor/manager-to-employee ratio. Activity extends beyond the March 31, 1999, deadline established for the structural changes contained in Issue A to accommodate implementation of personnel placements.

3&4. HR memorandum to the EDO dated 4/30/99.

## **V. Topic Area: NRC Organizational Structure and Resources**

SES MANAGER: Paul E. Bird, Director, HR

### **C. Specific Issue: Increased Employee Involvement**

Objective: To enhance organizational effectiveness under the specific conditions imposed by the agency-wide streamlining effort -- including functional realignments, reductions in supervisory/managerial personnel, and increased spans of management control -- by delegating greater responsibility and accountability to individual employees and fostering greater interactive communications between employees and management.

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Provide guidance to managers and supervisors on employee involvement concepts, including direction and assignment of work, delegation of authority, quality control, and responsibility and accountability for outputs and outcomes.	3/25/99C	J. McDermott
2. Begin interactive meetings between office managers/supervisors and staff consistent with EDO memorandum on employee involvement dated 3/25/99.	3/30/99C	J. McDermott; Office Directors & Regional Administrators; supervisors & managers

<b>PRIOR TO SEPTEMBER 30, 1999</b>		
Milestone	Date	Lead
3. Continue previous general efforts to foster delegations of responsibility and accountability to employees and more interactive communications between employees and managers. Monitor office progress.	Ongoing	J. McDermott; Office Directors & Regional Administrators

#### Comments:

The milestones for this issue establish a time period, consistent with the schedule for restructuring provided in Issue A, for beginning the office/region process of increasing employee involvement and engaging staff in the transformation process to a new culture.

3. The 3/25/99 EDO memorandum (see item 3 above) requests managers and supervisors in each office and organizational unit that have not already done so to initiate interactive meetings with employees by June 30, 1999.

## **VI. Topic Area: Other Agency Programs and Areas of Focus**

SLS: Robert Wood, RGEB/DRIP/NRR

SES Manager: Lawrence Chandler, OGC

### **A. Specific Issue: License Transfers**

Objective: To ensure that license transfers are conducted in a timely and technically correct manner and that review and submittal guidance is appropriately disseminated.

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Commission provides comments on foreign ownership SRP through issuance of SRM	2/17/99C	S. Hom, OGC
2. Revised foreign ownership SRP sent to Federal Register for solicitation of public comments	2/24/99C	S. Hom, OGC
3. Complete technical review of TMI-1 transfer	3/4/99C	R. Wood, DRIP
4. Revised SRP based on public comments to Commission ( <b>SECY 99-159</b> )	6/30/99C	S. Hom, OGC
5. Provide Commission with proposed final criteria for triggering a review under 10 CFR 50.80 regarding the transfer of operating authority to non-owner operators (i.e., use of contract service operating companies) (9800015) (NRR) ( <b>SECY 99-159</b> )	<del>6/25/99</del> 6/21/99C	R. Wood, DRIP
6. Issue lessons learned from AmerGen TMI-1 transfer	<del>6/99</del> 7/1/99C See Note	R. Wood, DRIP

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
7. Commission approves final SRP on foreign ownership	8/1/99	S. Hom, OGC
8. Issue final SRP on foreign ownership	9/1/99	S. Hom, OGC R. Wood, DRIP

BEYOND SEPTEMBER 23, 1999		
Milestone	Date	Lead
9. Develop SRP on technical qualifications	12/99	DIPM
10. Develop integrated SRP on license transfer process reflecting lessons learned and process improvements (9800195)	12/99	R. Wood, DRIP S. Hom, OGC

Comments:

3. The technical review of the TMI-1 transfer application was completed and sent to AmerGen on 3/4/99. AmerGen's comments on the proposed license conditions were provided to the NRC on 3/15/99. The final order approving the license transfer was signed on April 12, 1999.

6. The TMI-1/Pilgrim Lessons Learned Commission paper was submitted to the Commission on July 1, 1999.

10. SRP will integrate all license transfer review criteria ( financial qualifications, decommissioning funding assurance, technical qualifications, foreign ownership, and antitrust).



**VI. Topic Area: Other Agency Programs and Areas of Focus**

SES Manager: Chris Grimes, Director, RLSB/DRIP/NRR

**B. Specific Issue: AP600 Design Certification Rulemaking**

Objective: Issue final design approval (FDA) and design certification rule for AP600.

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Submit proposed rule [PRM] to Commission (9200142) (SECY-99-101)	3/31/99C	J.N. Wilson, DRIP
2. Issue PRM for public comment and hearing opportunity	05/20/99C	J.N. Wilson, DRIP

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
3. Receive comments on PRM	08/99	J.N. Wilson, DRIP

<b>BEYOND SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
4. Submit final rule to Commission (9200142)	10/99	J.N. Wilson, DRIP
5. Issue final rule (NRR)	12/99	J.N. Wilson, DRIP

Comments:

## **VI. Topic Area: Other Agency Programs and Areas of Focus**

SES Manager: Susan F. Shankman, Dep. Director, Licensing and Inspection Directorate, SFPO

### **C1. Specific Issue: Transnuclear TN-68 (Dual Purpose) Cask Review**

Objective: To issue a Part 72 (storage) SER and certificate of compliance (through rulemaking) and a Part 71 (transportation) certificate of compliance for the TN-68 dual purpose cask system

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Staff issues user need memorandum/rulemaking	03/09/99C	E. Easton, SFPO
2. Staff issues draft SER and CoC for rulemaking	05/20/99C	M. Ross-Lee, SFPO
3. Receive application for transportation cask	05/21/99C	M. Ross-Lee, SFPO

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
4. Staff Issues RAI #1	09/99	D. Tikinsky, SFPO

<b>BEYOND SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
5. Applicant response to RAI #1	10/99	D. Tikinsky, SFPO
6. Staff Issues RAI #2, (if necessary)	01/00	D. Tikinsky, SFPO
7. Applicant response to RAI #2 (if necessary)	03/00	D. Tikinsky, SFPO
8. Staff completes rulemaking; issues CoC for use under Part 72	04/00	P.Eng, SFPO P. Holahan, IMNS
9. Staff Issues Part 71 SER and CoC	06/00	D. Tikinsky, SFPO

Comments:

- ~~1. Milestone 2. The staff issued the SER and COC for rulemaking on schedule.~~
2. Milestones **3 through 9**. The applicant submitted the transportation application on schedule. The staff has ~~initiated~~ **completed** the acceptance review **and established the review schedule**.

## **VI. Topic Area: Other Agency Programs and Areas of Focus**

SES Manager: Susan F. Shankman, Dep. Director, Licensing and Inspection Directorate, SFPO

### **C2. Specific Issue: BNFL Fuel Solutions (BFS) TranStor (Dual Purpose) Cask Review**

Objective: To issue a Part 72 (storage) SER and certificate of compliance (through rulemaking) and a Part 71 (transportation) certificate of compliance for the BFS dual purpose cask system

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Staff issues user need memorandum/rulemaking	05/27/99C	P.Eng, SFPO

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
2. Staff receives updated SAR from applicant	09/99	T. Kobetz, SFPO

<b>BEYOND SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
3. Staff issues draft SER and CoC for rulemaking	10/99	T. Kobetz, SFPO
4. Staff issues Part 71 (transportation) CoC	02/00	T. Kobetz, SFPO
5. Staff completes rulemaking; issues CoC for use under Part 72	09/00	P.Eng, SFPO P. Holahan, IMNS

#### Comments:

General: On March 22, 1999, BNFL completed the purchase of the commercial nuclear power business of Westinghouse Electric Company. As a result, BFS will combine with Westinghouse Spent Nuclear Fuel Programs to form a single company that will oversee the design and licensing of the TranStor and Westflex dual purpose cask applications.

**VI. Topic Area: Other Agency Programs and Areas of Focus**

SES Manager: Susan F. Shankman, Dep. Director, Licensing and Inspection Directorate, SFPO

**C3. Specific Issue: Holtec HISTAR 100 (Dual-Purpose) Cask Review**

Objective: To issue a Part 72 (storage) SER and certificate of compliance (through rulemaking) and a Part 71 (transportation) certificate of compliance for the Holtec HISTAR 100 dual purpose cask system

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Staff issues transportation (Part 71) CoC	03/31/99C	M. Delligatti, SFPO

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
2. Staff completes rulemaking; issues CoC for use under Part 72	08/99	P.Eng, SFPO P. Holahan, IMNS

## **VI. Topic Area: Other Agency Programs and Areas of Focus**

SES Manager: Susan F. Shankman, Dep. Director, Licensing and Inspection Directorate, SFPO

### **C4. Specific Issue: Westinghouse WESFLEX (Dual Purpose) Cask Review**

Objective: To issue a Part 72 (storage) SER and certificate of compliance (through rulemaking) and a Part 71 (transportation) certificate of compliance for the Westinghouse WESFLEX dual purpose cask system

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Staff receives responses to RAIs	03/29/99C	M. Bailey, SFPO

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
2. Staff issues final RAI, if necessary	09/99	<del>M. Bailey</del> <b>M. Ross-Lee</b> , SFPO

<b>BEYOND SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
3. Staff receives response to RAI, if necessary	11/99	<del>M. Bailey</del> <b>M. Ross-Lee</b> , SFPO
4. Staff issues user need memorandum/rulemaking	02/00	P.Eng, SFPO
5. Staff issues draft SER and CoC for rulemaking	03/00	<del>M. Bailey</del> <b>M. Ross-Lee</b> , SFPO
6. Staff complete rulemaking; issues CoC for use under Part 72	02/01	P.Eng, SFPO P. Holahan, IMNS

#### Comments:

General: On March 22, 1999, BNFL completed the purchase of the commercial nuclear power business of Westinghouse Electric Company. As a result, BFS will combine with Westinghouse Spent Nuclear Fuel Programs to form a single company that will oversee the design and licensing of the TranStor and Wesflex dual purpose cask applications.

1. Due to a 3-week delay by Westinghouse to respond to the RAI, staff did not resume review

of the Wesflex application until April 30, 1999 (a 7-week delay from the original date of March 9, 1999). This allowed the staff to conduct other high-priority work during that period.

## VI. Topic Area: Other Agency Programs and Areas of Focus

SES Manager: Susan F. Shankman, Dep. Director, Licensing and Inspection Directorate, SFPO

### **C5. Specific Issue: NAC-STC/MPC (Dual Purpose) Cask Review**

Objective: To issue a Part 72 (storage) SER and certificate of compliance (through rulemaking) and a Part 71 (transportation) certificate of compliance for the NAC-STC/MPC dual purpose cask system

PRIOR TO JUNE 30, 1999		
Milestone	Date	Lead
1. Staff issues Part 71 (transportation) CoC	03/25/99C	T. McGinty, SFPO
2. Staff issues draft storage SER and CoC for rulemaking	03/25/99C	T. McGinty, SFPO

PRIOR TO SEPTEMBER 23, 1999		
Milestone	Date	Lead
None		

BEYOND SEPTEMBER 23, 1999		
Milestone	Date	Lead
3. Staff complete rulemaking; issue CoC for use under Part 72	02/00	P.Eng, SFPO P. Holahan, SFPO

Comments:



## VI. Topic Area: Other Agency Programs and Areas of Focus

SES Manager: Susan F. Shankman, Dep. Director, Licensing and Inspection Directorate, SFPO

### C6. Specific Issue: NAC-UMS (Dual Purpose) Cask Review

Objective: To issue a Part 72 (storage) SER and certificate of compliance (through rulemaking) and a Part 71 (transportation) certificate of compliance for the NAC-UMS dual purpose cask system

PRIOR TO JUNE 30, 1999		
Milestone	Date	Lead
1. Staff issues second storage RAI, if necessary	<del>06/99</del> 5/27/99C	T. McGinty, SFPO

PRIOR TO SEPTEMBER 23, 1999		
Milestone	Date	Lead
2. Staff receives second storage RAI response	08/99	T. McGinty, SFPO
3. Staff issues user need memorandum/rulemaking	08/99	P.Eng, SFPO
4. Staff issues first transportation RAI	09/99	T. McGinty, SFPO

BEYOND SEPTEMBER 23, 1999		
Milestone	Date	Lead
5. Staff issues draft storage SER and CoC for rulemaking	11/99	T. McGinty, SFPO
6. Staff completes rulemaking; issues CoC for use under Part 72	10/00	P.Eng, SFPO P. Holahan, IMNS
7. Staff issues second transportation RAI, if necessary or staff issues CoC and SER	4/00	T. McGinty, SFPO
8. Staff receives second transportation RAI response, if necessary	6/00	T. McGinty, SFPO
9. Staff issues transportation CoC and SER	8/00	T. McGinty, SFPO

Comments:

1. Review of the transportation package started on May 20, 1999.

**VI. Topic Area: Other Agency Programs and Areas of Focus**

SES Manager: Susan F. Shankman, Dep. Director, Licensing and Inspection Directorate, SFPO

**C7. Specific Issue: TN-West MP-187 (Dual-Purpose) Cask Review**

Objective: To issue Part 71 (transportation) certificate of compliance for MP-187 transportation cask system

Comments:

All actions associated with this task are completed, as denoted on earlier updates of the CTM.

**VI. Topic Area: Other Agency Programs and Area of Focus**

SES Manager: Stuart Richards, Director, PDIV/DLPM/NRR

**D1. Specific Issue: Decommissioning Decisions**

Objective: Provide timely decisions on current issues and provide framework for decommissioning activities.

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Meeting with NEI and industry to present Commission integrated milestones for decommissioning initiatives necessary for above rules and existing rules	4/13/99 C	S. Richards, LPD4
2. Complete the following pending licensing actions:		
2a. Haddam Neck Technical Specification change to seismic monitoring	4/28/99C	T. Fredrichs, PDIV-3
2b. Maine Yankee Technical Specification change to spent fuel pool water level	3/16/99C	M. Webb, PDIV-3
2c. Maine Yankee Exemption from 10 CFR 70.24 Criticality Accident Monitoring Requirements	3/24/99 C	M. Webb, PDIV-3
2d. Zion Exemption from 10 CFR 70.24 Criticality Accident Monitoring requirements	2/9/99C	T. Markley, DRIP

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
3. Complete the following pending licensing action:		

PRIOR TO SEPTEMBER 23, 1999		
Milestone	Date	Lead
Maine Yankee Modification of License Conditions	5/5/99C	M. Webb, PDIV-3
Technical Specifications change to liquid and gaseous release limits	5/3/99C See note	

BEYOND SEPTEMBER 23, 1999		
Milestone	Date	Lead
4. Complete the following pending licensing action:		
Haddam Neck Technical Specification change to refueling and — admin requirements	9/30/99 See Note	T. Fredrichs, PDIV-3

## Comments:

~~3. Amendment 163 (liquid and gaseous release limits) to the Maine Yankee operating license was issued 5/3/99. Amendment 164 (updating license conditions to reflect decommissioning status) was issued 5/5/99. This completes both actions.~~

4. By letter dated June 3, 1999, Connecticut Yankee Atomic Power Company forwarded a complete resubmission (with major revisions) of the proposed licensing action. The resubmission is being treated by the staff as a new application for a license amendment (for example it is being noticed in the Federal Register, the old TAC is being closed and a new TAC is being opened, etc). Further CTM monitoring of this one specific routine decommissioning licensing action is no longer considered necessary in light of the substantial progress made in developing the decommissioning program since the CTM was first created. CTM tracking is terminated.

## VI. Topic Area: Other Agency Programs and Area of Focus

SES Manager: Stuart Richards, Director, PDIV/DLPM/NRR

### D.2 Specific Issue: Decommissioning Regulatory Improvements

Objective: Initiate rulemaking activities based on an integrated approach to decommissioning nuclear power plants as discussed in SECY-99-168.

<u>PRIOR TO SEPTEMBER 23, 1999</u>		
<u>Milestone</u>	<u>Date</u>	<u>Lead</u>
<u>1. Conduct a workshop with NEI and public stakeholders regarding the staff's preliminary assessment of the risks from spent fuel pools at decommissioning reactors</u>	<u>7/16/99</u>	<u>R. Dudley, PDIV-3</u>

<u>BEYOND SEPTEMBER 23, 1999</u>		
<u>Milestone</u>	<u>Date</u>	<u>Lead</u>
<u>2. Technical staff to finalize decommissioning spent fuel pool risk criteria that can used for decommissioning regulatory decision making</u>	<u>3/31/00</u>	<u>G. Hubbard, SPLB/DSSA</u>
<u>3. Submit an integrated, risk-informed rulemaking plan for decommissioning nuclear power plants that addresses emergency planning, insurance, safeguards, operator staffing &amp; training, and possibly other areas (such as fitness-for-duty)</u>	<u>5/31/00</u>	<u>B. Huffman, PDIV-3</u>
<u>4. Submit a rulemaking plan for consolidating decommissioning regulations into a separate dedicated location with Title 10 of the Code of Federal Regulations (contingent on Commission approval of SECY-99-168)</u>	<u>8/31/99</u>	<u>B. Huffman, PDIV-3</u>

Comments:

**VI. Topic Area: Other Agency Programs and Areas of Focus**

SES Manager: Susan F. Shankman, Dep. Director, Licensing and Inspection Directorate, SFPO

**E. Specific Issue: PGE-Trojan Reactor Vessel Shipment Application**

Objective: To issue Part 71 (transportation) approval to ship the Trojan reactor vessel, with internals, for disposal in the State of Washington

PRIOR TO JUNE 30, 1999		
Milestone	Date	Lead
None		

PRIOR TO SEPTEMBER 23, 1999		
Milestone	Date	Lead
1. Inspection follow-up prior to and during shipment	08/99	B. Spitzberg, RIV

Comments:

Part 71 approval to ship the Trojan reactor vessel was completed in October 1998. Inspection follow-up is scheduled for August 1999.

## **VI. Topic Area: Other Agency Programs and Areas of Focus**

SES Manager: Cynthia Carpenter, Branch Chief, RGEB/DRIP/NRR

### **F. Specific Issue: Event Reporting Rulemaking**

Objective: Revise event reporting requirements to reduce the reporting burden associated with events of little or no risk significance, obtain information better related to risk, and extend reporting time limits consistent with the need for prompt NRC action.

Coordination: Issues II.A, "Risk Informed Baseline Core Inspection Program," II.B, "Enforcement Program Initiatives," II.C, "Escalated Enforcement Program," III.A, "Performance Assessment Process Improvements," and VI.F, "Event Reporting Rulemaking," require close coordination and the integration of specific tasks by the NRC staff. Responsible project managers are coordinating these activities by assessing the impact of proposed program changes with the other ongoing activities and ensuring that the overall objectives for each project are achieved. Examples include, intra-project task force participation, workshop attendance, concurrent review of projects and periodic senior management briefings. In addition, industry-developed initiatives such as the NEI New Regulatory Oversight Process are being reviewed by all project groups and evaluated for impact.

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. CRGR Briefing	3/11/99C	D. Allison, DRIP
2. ACRS Briefing	3/23/99C	D. Allison, DRIP
3. Proposed rule to the Commission including proposed enforcement policy changes (9800096) (NRR) (SECY 99-119)	4/19/99C	D. Allison, DRIP R. Borchardt, OE
4. Publish proposed rule (10 CFR 50.72 and 50.73)	7/6/99C 4 weeks after Commission approval	DRIP

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
5. Conduct a public workshop	8/3-4/99 4 weeks after publication of proposed rule	D. Allison, DRIP

BEYOND SEPTEMBER 23, 1999		
Milestone	Date	Lead
6. Brief CRGR	About 6 months after publication of proposed rule	D. Allison, DRIP
7. Brief ACRS	About 7 months after publication of proposed rule	D. Allison, DRIP
8. Final rule to Commission (9800096) (NRR)	About 8 months after publication of proposed rule	D. Allison, DRIP
9. Publish final rule	About 9 months after publication of proposed rule.	DRIP

## Comments:

~~3. The proposed rulemaking package was provided to the Commission on 4/19/99. This was 10 days behind schedule because the time required to resolve comments and issues was greater than anticipated.~~

~~4. Additional time will be required to address the Commission's directions for the Federal Register notice.~~

~~5-9. Schedule is contingent on publication of proposed rule following Commission review.~~



## **VI. Topic Area: Other Agency Programs and Areas of Focus**

SES Mangers: Cynthia Carpenter, Branch Chief, RGEB/DRIP/NRR (Rulemaking);  
Frank Congel, Director, IRO (Other Activities)

### **G. Specific Issue: Proposed KI Rulemaking**

Objective: To Implement Commission decision regarding the use of KI as a protective measure for the general public after a severe reactor accident. In addition, to work with other Federal agencies to revise the Federal policy on the use of KI in the event of a severe nuclear power plant emergency and to develop aids to assist the states in applying the revised Federal policy.

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Publish Proposed Rule (9800173) (NRR)	6/14/99 <sup>C</sup>	M. Jamgochian, DRIP

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
2. Revise KI technical paper (NUREG-1633) to address public comments and provide to Commission (9700193) (IRO)	9/99	A. Mohseni, IRO

<b>BEYOND SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
3. Final brochure on use of KI provided to Commission for review (9700193) (IRO)	10/99	A. Mohseni, IRO
4. Brief CRGR and ACRS	10/99	M. Jamgochian, DRIP
5. Develop final KI Federal policy FRN reflecting FRPCC review and send to Commission (9700193) (IRO)	10/99	A. Mohseni, IRO
6. Publish final technical paper (NUREG-1633)	12/99	A. Mohseni, IRO
7. Finalize the public brochure on use of KI and provide to FEMA for publication	1/00	A. Mohseni, IRO
8. Publish KI Federal Policy FRN	12/99 (see note)	A. Mohseni, IRO

9. Publish Final Rule (9800173) (NRR)	12/30/99	M. Jamgochian, DRI P
10. Establish procedures to access Federal stockpiles with FEMA	5/00 (see note)	A. Mohseni, IRO

Comments:

2. ~~SRM directed the staff to withdraw the draft NUREG-1633 and substantially revise and reissue it. Staff issued FRN withdrawing the draft NUREG on 10/16/98 and removed it from the NRC WebSite. Staff formed a KI Core Group to review and address the comments received on the draft NUREG and add new sections on U.S. and foreign experiences in logistics of KI distribution. The core group members include representatives from: AL, TN, AZ, CT, Waterford (CT), NEMA, CRCPD-6, FDA, EPA, FEMA and NRC. The KI Core Group met publicly 12/1/98-12/4/98 at the NRC. Issues were identified based on public comments and resolutions identified. The U.S. experience was discussed and examined. The members were tasked for follow-up activities. The most significant development in this area has been the FDA's decision to revisit its 1982 policy. On February 12, 1999, the staff provided the executive summary of a draft report prepared by CDC on a nine-year study of thyroid disease in persons exposed to radioiodines from Hanford Nuclear Site between 1944 and 1957. The KI Core Group met again publicly in Tempe, Arizona, on March 1-5, 1999. In response to Commissioner McGaffigan's request, the staff provided a briefing to him and to the Commission technical assistants on May 18, 1999. The three developments ( FDA's efforts to revisit its 1978/82 position, the NRC decision not to fund the purchase of KI for States that request it, and the FEMA's opposition to regional stockpiles) are important factors that need to be considered in the revised guidance. Accordingly, the schedule for completion of this task may be affected.~~

5. ~~The FRPCC expected to receive comments on the NRC proposed FRN from other Federal agencies during 1/99. Only one or two agencies have provided comments to date. Moreover, FDA is revisiting its 1982 KI policy. The FDA's comments are essential for the completion of a revised Federal KI policy. In addition to any FDA policy changes, the FRPCC Subcommittee on KI will evaluate the comments received from other Federal agencies and make its recommendations to the FRPCC. The NRC funding for KI will also have to be resolved. If there is a change in the NRC's funding position, more discussions with other federal agencies will be needed. Due to the above, the schedule has been changed to TBD, consistent with the rulemaking schedule. The Commission directed the staff on April 22, 1999, to amend the draft Federal Register Notice on the Federal KI policy provided to FEMA to conform to this SRM, particularly with respect to the Commission's decision not to fund State stockpiles. The staff intends to amend the draft FRN accordingly to submit to FEMA for FRPCC review and approval. However, FEMA Director's letter dated April 29, 1999, to the Commission presented FEMA's opposition to regional stockpiles. This requires negotiation with FEMA on the changes that affect FEMA prior to resubmission to the FRPCC for full committee review. The three developments ( FDA's efforts to revisit its 1978/82 position, the NRC decision not to fund the purchase of KI for States that request it, and the FEMA's opposition to regional stockpiles) are important factors that need to be integrated into any revised Federal policy. Accordingly, the schedule for completion of this task may be affected.~~

~~6. The staff expects to issue the technical paper for public comment before being finalized~~

~~3,7 The public brochure will be based on the technical paper referred to in item 2 and 6 and will have to be developed after the technical paper. Accordingly the schedule for the completion of the brochure will be 30 days after the completion of the technical paper. Dates for the brochures were changed to indicate that they lag the development of the technical paper by approximately 30 days.~~

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~~8. The Commission decision of April 22, 1999, not to fund State Stockpiles requires more negotiations with other federal agencies, particularly FEMA. This schedule will need to be negotiated, current best estimate is 12/99.~~

~~10. Based on the Commission SRM dated April 22, 1999, the staff is directed to work with FEMA to establish and maintain regional KI stockpiles to be used in the event of a severe nuclear power plant accident. This is a new initiative and will have to be negotiated with FEMA. Best estimate is 5/00, subject to future revision.~~

**VI. Topic Area: Other Agency Programs and Areas of Focus**

SES Manager: Bill Kane, Associate Director for Inspection and Programs , NRR

**H. Specific Issue: NEI Petitions - Petition for modifying 50.54(a)**

Objective: Complete the NEI Petition, accepting in part to modify 10 CFR Part 50.54(a), as it pertains to Quality Assurance Program Change Control and is intended to reduce burdens on industry.

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Publication of a Federal Register Notice to accept in part the NEI petition for rulemaking and proposing a Direct Final Rule (9800166) (NRR) (SECY 98-279)	02/99C	R. Gramm, DRCH
2. Direct Final Rule effective if no significant adverse comments received.	04/26/99C	D. Dorman, DIPM

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestones	Date	Lead
3. Coordinate a workshop with NEI to discuss implementation aspects of Direct Final Rule.	TBD	D. Dorman, DIPM
4. Issue Voluntary Option rule for public comment via Federal Register Notice.	TBD	D. Dorman, DIPM

<b>BEYOND SEPTEMBER 23, 1999</b>		
Milestones		Lead
5. Hold meetings and workshops with stakeholders to fully develop voluntary option rulemaking. (9900004)	1/00	D. Dorman, DIPM
6. Evaluate public comments on Voluntary Option Rule and prepare Final Rule. (9900004)	1/01	D. Dorman, DIPM
7. Issue Voluntary Option Rule in Federal Register Notice.	TBD	D. Dorman, DIPM
8. Hold a workshop to discuss implementation aspects of Voluntary Option Rule.	TBD	D. Dorman, DIPM

Comments:

The Direct Final Rule was published on 2/23/99 and became effective on 4/26/99 based on a determination that no significant adverse comment was received by 3/25/99. Six comment letters were received. NEI and two licensees provided favorable comments on the Direct Final Rule. Other letters (from a licensee and members of the public) requested clarification of certain provisions of the rule. The staff determined that none of the comments constituted significant adverse comments, therefore the Direct Final Rule became effective 4/26/99.

QA plan change control, and 50.54(a), was a topic of a panel discussion during the Regulatory Information Conference.

SECY-98-279 stated that the voluntary option proposed rule will be developed one year after receipt of the SRM, and a final rule the following year. ~~WITS item 9900004 was assigned to the proposed rule development, and it will then be assigned for the voluntary option final rule.~~

## **VI. Topic Area: Other Agency Programs and Areas of Focus**

SES Manager: Gary Holahan, Director, DSSA/NRR)

### **I. Specific Issue: Revised Source Term Rulemaking**

Objective: To revise Part 50 to allow holders of operating power reactor licensees to voluntarily amend the facility design basis to use revised source terms in design basis accident radiological analyses. This action would allow these facilities to pursue risk-informed licensing actions made possible through the use of the revised source term.

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Publish in Federal Register	3/99C	T. Essig, DIPM
2. Complete draft guide; draft SRP section	5/99C	R. Barrett, DSSA
3. End of Public Comment Period	5/99C	R. Barrett, DSSA

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
4. Office concurrence on final rule; draft guide; draft SRP	7/23	R. Barrett, DSSA
5. ACRS review	9/99	R. Barrett, DSSA
6. CRGR review	8/99	R. Barrett, DSSA
7. Final rule; draft guide; draft SRP to EDO (9700025) (NRR)	8/99	R. Barrett, DSSA
8. Final rule; draft guide; draft SRP to Commission	8/27/99	R. Barrett, DSSA

<b>BEYOND SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
9. End of public comment period	12/99	R. Barrett, DSSA
10. Office concurrence on final guide; final SRP	1/00	R. Barrett, DSSA
11. ACRS review on final guide; final SRP	1/00	R. Barrett, DSSA
12. CRGR concurrence on final guide; final SRP	2/00	R. Barrett, DSSA

<b>BEYOND SEPTEMBER 23, 1999</b>		
13. Final guide; final SRP to EDO (9700025) (NRR)	2/00	R. Barrett, DSSA
14. Final guide; final SRP to Commission	3/3/00	R. Barrett, DSSA

Staff ~~scheduled to make~~ made presentation on source term issues at March 1999 R.I.C. Staff conducted a public meeting with NEI and Industry on 4/20/99.

1. As a result of the slippage in milestone #1, the staff requested that milestone #8 be revised to 8/27/99. This change in milestone #8 was approved in the SRM. Other intervening and subsequent milestones have been updated to reflect the new due date.

2. Milestone #5: The rulemaking package is on the agenda for an ACRS subcommittee meeting tentatively scheduled for 8/9-11. The full ACRS meeting is tentatively scheduled for the first week in September. The staff does not expect the change to milestone #5 to affect remaining milestones.

3. The office concurrence process has started. The staff expects to meet milestone #4

## **VII. TOPIC AREA: Uranium Recovery Issues**

SES Manager: ~~King Stabile~~ **John Surmeier**, Acting Branch Chief, Uranium Recovery and Low-Level Waste Branch

### **A. Specific Issues: Uranium recovery concerns raised in Senate report**

- C Dual regulation of ground water at in situ leach (ISL) facilities
- C Expanded use of mill tailings impoundments to dispose of other material
- C Eliminate consideration of economics in the processing of alternate feedstock

Objective: To look for ways to:

- 5. eliminate dual regulation of ISLs facilities;
- 6. reduce **unnecessary** the regulatory burden on uranium mill wanting to expand the use of impoundments for disposal of other materials besides mill tailings; and
- 3. encourage uranium mills who want to engage in recycling of materials for their uranium content

<b>PRIOR TO JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Commission paper on ways to eliminate dual regulation at ISL facilities (9800176) (NMSS) (SECY 99-013)	3/12/99C	Charlotte Abrams, NMSS
2. Commission paper on revising guidance for expanding disposal capability of uranium mill tailings impoundments, and ask for Commission policy on hearing orders concerning need to consider economics in alternate feedstock evaluations (9800180) (NMSS) (SECY 99-012)	4/8/99C	Charlotte Abrams, NMSS
3. Complete hearing on alternate feedstock amendment to see how State of Utah concerns about staff not applying appropriate economics criteria is determined.	02/09/99C	P. Block, ASLBP

<b>PRIOR TO SEPTEMBER 23, 1999</b>		
Milestone	Date	Lead
4. Issue revised draft guidance on disposal capability with Commission-approved revisions	<del>06/99</del> <b>6 months after Comm. Direction</b>	<del>Charlotte Abrams</del> <b>Dan Gillen</b> , NMSS



PRIOR TO SEPTEMBER 23, 1999		
5. Implement any changes in review of alternate feedstock that result from hearing and Commission review of previous hearing orders	7/99 6 months after Comm. Direction	<del>Charlotte Abrams</del> Dan Gillen, NMSS
6. Complete Part 41 rulemaking plan, including recommendations on regulatory changes to address the three issues (9800177) (NMSS)	10/99 4 months after Comm. Direction	Mark Haisfield Mike Fliegel, NMSS
7. Revise ISL Standard Review Plan to implement staff recommendations if approved by Commission	06/99 6 months after Comm. Direction	Bill Ford, NMSS

BEYOND SEPTEMBER 23, 1999		
Milestone	Date	Lead
8. Publish proposed Part 41 for public comment, including regulatory changes to address three issues (9800177) (NMSS)	10/00	Mark Haysfield/ Mike Fliegel, NMSS
9. Publish final Part 41 codifying agency policy on resolution of three issues. (9800177) (NMSS)	08/01	Mark Haysfield/ Mike Fliegel, NMSS

Comments:

General comment re: objective stated above: Three issues raised in the Senate report are presented in the National Mining Association white paper that was presented to the Commission in April 1998.

The disposal paper was sent to the Commission on April 8, 1999.

- The most recent alternate feedstock amendment issued by the staff is being contested by the State of Utah and Envirocare. One of the contentions is that the staff failed to conduct the appropriate economics test in accepting the amendment application. A decision from the presiding Officer in this hearing was received on February 9, 1999. The decision provides guidance that the staff factored into the portions of the Commission Paper (item 2 above) dealing with alternate feedstock. Utah appealed the presiding officer's decision to the Commission on April 26, 1999. The Commission agreed to review the decision. The staff will proceed after the Commission has ruled.

5, 8, 9 A draft of the Part 41 rulemaking plan and accompanying Commission paper was sent to the Commission on 1/15/99, SECY 99-011. After the Commission meeting on the uranium recovery program on June 17, 1999, the Commission should provide direction to the staff on Part 41. The staff will use that direction in proceeding with rulemaking on Part 41.

3,5,6,7 Based on the indeterminate dates for Commission direction on SECYs 99-011,012,and 013, these dates have been changed to 4-6 months after Commission direction.

**VIII. TOPIC AREA: Changes to NRC's Hearing Process**

SES Manager: Joe Gray, OGC

**A: Use of Informal Adjudicatory Procedures**

PRIOR TO JUNE 30, 1999		
Milestone	Date	Lead
5. Briefing of Commission Offices	TBD	K. Cyr, OGC

PRIOR TO SEPTEMBER 23, 1999		
Milestone	Date	Lead
1. 6: Commission Guidance	TBD	K. Cyr, OGC
2. 7: Prepare legislation for Commissioner review.	TBD	T. Rothschild, OGC
3. 8: Prepare notice of proposed rulemaking for Commission review.	TBD	T. Rothschild, OGC
4. -9: Prepare final rule	TBD	T. Rothschild, OGC

Comments:

~~5. Briefings will be scheduled when requested.~~ Commission did not find a need for a briefing on the OGC paper on the hearing process.